



PTO/SB/21 (02-04)

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FORM**

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Total Number of Pages in This Submission

356

Application Number

10/663943

Filing Date

09.16.2003

First Named Inventor

Rolland Hebert

Art Unit

Examiner Name

Attorney Docket Number

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

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Amendment/Reply

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After Final

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Affidavits/declaration(s)

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Extension of Time Request

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Express Abandonment Request

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Information Disclosure Statement

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Certified Copy of Priority Document(s)

☐Response to Missing Parts/
Incomplete Application☐Response to Missing Parts
under 37 CFR 1.52 or 1.53☐

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Licensing-related Papers

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Petition

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Provisional Application☐

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to Technology Center (TC)☐Appeal Communication to Board
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(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

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Remarks

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or
Individual name

Rolland Hebert

Signature

Rolland Hebert

Date

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Rolland Hebert

Date

2/21/04

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/663943	
	Filing Date	09-16-2003
	First Named Inventor	Roland Hebert
	Art Unit	
	Examiner Name	
Attorney Docket Number		

Sheet	1	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BORCHARDT RT and WU YS , Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. Role of the Asymmetric Sulfonium Pole in the Enzymatic binding of S-adenosyl	
		BOTTIGLIERI et al (1994), The Clinical Potential of Ademetionine (S-adenosylmethionine) in neurological disorders, Drugs, 48 (2), 137-152.US	
		CHENG et al, (1997), Levels of L-methionine S-adenosyltransferase activity in erythrocytes and concentrations of S-adenosylmethionine and S-adenosylhomocysteine in whole blood	
		DE LA CRUZ et al, (2000), Effects of chronic administration of S-adenosyl-L-methionine on brain oxidative stress in rats. Naunyn-Schmiedeberg's Archives Pharmacol 361: 47-52.U	
		DE LA HABA et al. The relation of Configuration at the Sulfonium Center to Enzymatic Reactivity. J. Am. Chem. Soc. 81, 3975-3980, 1959	
		DETICH et al "The methyl donor S-adenosyl-L-methionine inhibits active demethylation of DNA; a candidate novel mechanism for the pharmacological effects of S-adenosylmethion	
		DI PADOVA C, (1987), S-adenosyl-L-methionine in the treatment of osteoarthritis: review of the clinical studies. Am J. Med. 83, (Suppl. 5), 6-65 US	
		FRIEDEL et al, S-adenosyl-L-methionine: A review of its pharmacological properties and therapeutic potential in liver dysfunction and affective disorders in relation to its ph	
		GALAN A, et al, Cyclosporine A toxicity and effect of the s-adenosylmethionine, Ars Pharmaceutica, 40:3; 151-163, 1999.	
		HOFFMAN J, Chromatographic Analysis of the Chiral and Covalent Instability of S-adenosyl-L-methionine, Biochemistry 1986, 25 4444-4449 US	

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	Filing Date		09.16.2003		
	First Named Inventor		Rolland Hebert		
	Art Unit				
	Examiner Name				
Sheet	2	of	2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KAGAN, B, Sultzer D. L., Rosenlicht N and Gerner R. (1990), Oral S-adenosylmethionine in depression: a randomized, double blind, placebo-controlled trial. Am. J. Psychiatry 14	
		KEATING et al (1991), Evidence of brain methyltransferase inhibition and early brain involvement in HIV positive patients Lancet: 337:935-9 UK	
		KOENIG B. A long-term (two years) clinical trial with S-adenosylmethionine for the treatment of osteoarthritis. The American Journal of Medicine, Vol 83 (suppl 5A), Nov. 20, 1	
		MATO et al (1999), S-adenosylmethionine in alcohol liver cirrhosis: a randomized, placebo-controlled, double blind, multi-center clinical trial, Journal of Hepatology, 30, 108	
		MATOS, JR, Rauschel FM, Wong, CH. S-Adenosylmethionine: Studies on Chemical and Enzymatic Synthesis. Biotechnology and Applied Biochemistry 9, 39-52 (1987) US	
		MORRISON et al, (1996), Brain S-adenosylmethionine levels are severely decreased in Alzheimer's disease, Journal of Neurochemistry, 67, 1328-1331. US	
		SEGAL D and Eichler D, The Specificity of Interaction between S-adenosyl-L-methionine and a nucleolar 2-O-methyltransferase, Archives of Biochemistry and Biophysics, Vol. 275,	
		TAVONI et al, Evaluation of S-adenosylmethioine in Primary Fibromaylgia. The American Journal of Medicine, Vol 83 (suppl 5A), pp 107-110, 1987. US	
		VENDEMALE G et al, (1989), Effect of oral S-adenosyl-L-methionine on hepatic glutathione in patients with liver disease. Scand J Gastroenterol; 24: 407-15.	
		WATSON WH, Zhao Y, Chawla RK, S-adenosylmethionine attenuates the lipopolysaccharide-induced expression of the gene for tumour necrosis factor alpha. (1999) Biochem J Aug. 15;	

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Filing Date	09/06/2003
First Named Inventor	Rolland Hebert
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 1**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2969353	01-24-1961	Shrink et al	all
		US- 3707536	12-26-1972	Haid et al	all
		US- 3893999	07-08-1978	Fiecchi	all
		US- 3954726	05-04-1976	Fiecchi	all
		US- 4028183	06-07-1977	Fiecchi	all
		US- 4057686	11-08-1977	Fiecchi	all
		US- 4109079	08-22-1978	Kawahara	all
		US- 4369177	01-08-1983	Kozaki	all
		US- 4465672	08-14-1984	Gennari	all
		US- 4543408	09-24-1985	Gennari	all
		US- 4558122	12-10-1985	Gennari	all
		US- 4764603	08-16-1988	Zappia	all
		US- 4990606	02-05-1991	Gennari	all
		US- 5073546	12-17-1991	Zappia	all
		US- 5102791	04-07-1992	Zappia	all
		US- 5114931	05-19-1992	Gennari	all
		US- 5128249	07-07-1992	Gennari	all
		US- 5137712	08-11-1992	Kask	all
		US- 5196402	03-23-1993	Braganza	all

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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